

UNITED STATES MARINE CORPS
Logistics Operations School
Marine Corps Combat Service Support Schools
PSC Box 20041
Camp Lejeune, North Carolina 28542-0041

MTCC 4401

STUDENT OUTLINE

MOTOR TRANSPORT UNITS AND MISSIONS

LEARNING OBJECTIVES:

a. Terminal Learning Objective: Given the requirement to identify Marine Corps motor transport units, their mission, and the references, identify the motor transport units and their mission, per the reference. (35XX.01.01)

b. Enabling Learning Objectives:

(1) Given the requirement to identify motor transport units, their mission, and the reference, identify the mission of motor transport units/sections within a Marine division, per the reference. (35XX.01.01a)

(2) Given the requirement to identify motor transport units, their mission, and the reference, identify the mission of motor transport units/sections within the Marine Aircraft Wing (MAW), per the reference. (35XX.01.01c)

(3) Given the requirement to identify motor transport units, their mission, and the reference, identify the mission of motor transport units/sections within the Force Service Support Group (FSSG) per the reference. (35XX.01.01b)

OUTLINE

1. Marine Division Motor Transport.

a. All major subordinate commands of the division have motor transport equipment authorized for organizational use. Because of the limited quantities and specialized roles of that equipment, it will normally not be available for routine logistical support except when authorized by competent authority.

(1) The truck company consists of a headquarters and three platoons containing two truck sections each, and a maintenance platoon. The company commander directs and controls all matters pertaining to company administration and support. The company headquarters supports the company commander in exercising command and control of the operating elements in the three truck platoons. The truck company is under the administrative control of the headquarters battalion commander. The division motor transport officer coordinates operational tasking of the truck company. He recommends appropriate employment to the commander, usually via the principal staff officers, as requirements are developed.

(2) Truck Company is a combat support asset of the Marine division. It is capable of transporting the assault elements of two infantry battalions simultaneously. Truck platoons will normally be attached to or placed in direct support of infantry regiments and are capable of sustained operations on a 24-hour basis. Normally the tactical situation will require motor transport assets of the truck company be used to augment the limited organic capability of subordinate division units.

(3) The truck company is capable of providing organizational (1st and 2d echelon) maintenance for all organic equipment except communication equipment. Both 2d and 3d echelon maintenance for organic communication equipment are provided by Communications Company, headquarters battalion, Marine division. Intermediate (3d and 4th echelon) maintenance for all other equipment is provided by maintenance battalion, force service support group (FSSG).

b. The motor transport section, division headquarters consists of the division motor transport officer and a small administrative staff. The motor transport officer performs the general duties of a special staff officer normally under the cognizance of the assistant chief of staff (AC/S), G-4, with respect to motor transport matters and advises the division commander on the employment of motor transport assets. The staff responsibilities of the division motor transport officer include the following.

(1) Supervising the planning of technical training and motor transport related duties and programs within the division.

(2) Coordination planning for motor transport intelligence and the dissemination thereof.

(3) Conducting comprehensive analyses of all motor transport tasks required to implement the commander's plans.

(4) Maintaining liaison with higher, lower, and adjacent commands pertaining to motor transport matters.

(5) Analyzing and evaluating motor transport capabilities throughout the command.

(6) Coordinating all motor transport support requirements and directing commitments, as appropriate, to organizations best capable of providing the support required.

(7) Monitoring and providing technical supervision to all motor transport requirements, commitments, and movements of truck company, headquarters battalion.

(8) Supervising and coordinating the maintenance of required motor transport records and reports.

(9) Developing, coordination, implementing, and monitoring command technical inspections for motor transport.

(10) Monitoring motor transport combat readiness in all subordinate organizations of the command.

(11) Recommending and supervising requirements for procurement, distribution, and storage of motor transport assets.

(12) Advising the commander of all technical matters concerning motor transport.

2. Marine Aircraft Wing Motor Transport.

a. Organic motor transport support for the Marine aircraft wing is provided by the MWSSs of the Marine wing support group (MWSG). There are four MWSSs in each MWSG. Each Marine aircraft wing has two MWSSs designed to support a fixed-wing (FW) component of a Marine aviation combat element (ACE) and two MWSS to support a rotary wing (RW) component of an ACE. These are designated MWSS/FW and MWSS/RW respectively.

(1) The MWSS is organized to provide all essential aviation ground support to the fixed-wing or rotary wing component of an ACE or to supplement the garrison support provided by a

permanent Marine Corps air station. In addition to motor transport, this support includes security and law enforcement, photographic services, air freight services, weather services, internal airfield communications, crash/fire/rescue and structural fire fighting services, essential engineer services, aircraft and ground equipment refueling, aircraft recovery, messing facilities, medical services, training support, and internal nuclear, biological, and chemical defense.

(2) The motor transport operations division of the MWSS is organized into a headquarters element and two branches: the light/medium motor vehicle branch and the heavy motor vehicle branch. The fixed-wing MWSS and the rotary wing MWSS are identical in overall organization, with minor differences in numbers of drivers assigned to some sections. The four MWSSs of the MWSSG are designed to provide support for four separate airfield sites (two per Marine amphibious brigade ACE -- one fixed-wing site and one rotary wing site).

b. The motor transport section, wing headquarters consists of the wing motor transport officer and a small administrative staff. The motor transport officer performs the general duties of a special staff officer parallel to those of the division motor transport officer.

3. Force Service Support Group Motor Transports. The Transportation Support Battalion (TSBn) provides motor transport and landing support to the MEF and smaller MAGTFs. TSBn can provide the personnel and equipment from which an LFSP or CSSE is task organized. The TSBn has the assets required to support all types of Navy and Marine Corps operations. Typically, it provides general support during amphibious, maritime prepositioning force (MPF), and terminal operations.

a. Mission. Provide tactical throughput support and associated command and control for the MEF to facilitate the distribution of personnel, equipment, and supplies by air, ground, and sea.

(1) Tasks. Provide centralized command, control and communications of landing support, distribution and throughput functions (including port and terminal operations), material handling, air delivery support, convoy operations, and transportation during operations conducted by the MEF or MAGTFs smaller than the MEF.

(2) Provide selected heavy equipment lift augmentation in support of the MEF.

(3) Transport personnel, equipment and supplies within organic lift capabilities.

(4) Provide throughput and distribution of bulk, liquid, containerized and dry cargo.

(5) Provide port and terminal operations at ports, beaches, airheads, railheads, and cargo terminals, and management of freight/passenger and break bulk/container cargo throughput.

(6) Provide air delivery support for MEF operations.

(7) Perform basic engineer tasks required for landing support operations to include austere site preparations, construction/removal of obstacles and barriers, and establishment of routes of egress from the beach when properly augmented.

(8) From organic assets, provide a nucleus for the task organization of a LFSP / Arrival and Assembly Operations Group (AAOG), to provide command and control structure for the landing support and distribution for initial combat service support for MEF operations.

(9) Provide force protection for organic units.

b. Concept of Organization. The battalion is organized to plan, coordinate, and supervise the throughput and distribution functions in support of MEF operations. It is structured to facilitate task organization for operations conducted by the battalion in support of the MEF.

c. Concept of Employment. The battalion is structured to facilitate task organization for landing support and throughput operations conducted in support of the MEF. It is equipped to provide medium through heavy cargo transportation to the MEF. Additionally, the battalion provides the initial source for centralized combat service support for sustained MEF operations.

4. Headquarters and Service Company.

a. Mission. Provide command and control, administration, and command support functions for TSBn, FSSG.

(1) Tasks. Provide command support functions, to include supply, ordnance, information management, and food service support for the battalion.

(2) Provide organizational maintenance for ordnance and communication-electronic equipment.

(3) Provide support for the battalion's local security.

b. Concept of Organization. The company is organized to plan, coordinate and supervise the command support functions for the battalion. It is structured to facilitate task organization for operations conducted by the battalion in support of MAGTF operations.

c. Concept of Employment. The company provides the command support functions to plan, coordinate and supervise the general intermodal transportation, landing support, and throughput functions conducted by the battalion in support of the MAGTF.

5. Support Company.

a. Mission. Provide MHE and container handling support and general support, organizational maintenance support for engineer and motor transport assets of the battalion in support of MAGTF operations.

(1) Tasks. Provide MHE support the MAGTF beyond the organic capability of supported units.

(2) Provide specialized MHE and container handling support for the management of container/cargo throughput operations on beaches, at ports, railheads, air heads, and cargo terminals.

(3) Provide organizational (1st, 2nd echelon) maintenance support for engineer and motor transport equipment organic to the battalion.

b. Concept of Organization. The company is organized to plan, coordinate, and supervise the command support functions of the company. It is structured to facilitate task organization for throughput operations conducted by the battalion in support of the MAGTF.

c. Concept of Employment. The company provides centralized support to expedite throughput operations in support of the MAGTF. It is equipped with tactical engineering cranes,

buckets, graders, forklifts, and light sets to facilitate operations. The company can be task organized to provide landing support equipment to the MAGTF.

6. Beach and Terminal Operations Company.

a. Mission. Provide general transportation support to coordinate throughput operations for the MAGTF.

(1) Tasks. Provide personnel and equipment for the loading, unloading, and movement of supplies and equipment at ports, beaches, railheads, airheads, cargo terminals, dumps and depots.

(2) Provide air delivery support to the MAGTF.

b. Concept of Organization. The company is organized to support MAGTF throughput operations. It provides management and operation of ports, airheads, railheads, and other cargo/passenger terminal operations including aerial delivery support.

c. Concept of Employment. When directed, the company assumes responsibility for the throughput operations after control of beaches, ports and terminals is passed to the

CSSE. It provides aerial delivery support and, when augmented by other elements of the CSSE, controls air terminals in support of MAGTF operations to include conducting departure airfield control group/arrival airfield control group (DACG/AACG) operations.

7. Landing Support Company.

(SHOW SLIDE 49, LANDING SUPPORT COMPANY CHART)

a. Mission. Provide direct support for landing and throughput operations in support of the MAGTF(s) at helicopter landing zones, assault beaches, and airfields.

(1) Tasks. Provide shore party and/or helicopter support teams (HST) in direct support of assault and sustained operations conducted by the MAGTF(s).

(2) Prepare, mark, and control assault landing beaches or zones as required.

(3) Establish multi-class supply storage sites ashore for the sustainment of the MAGTF.

(4) Coordinate the unloading of supplies and equipment from landing craft, ships, and helicopters through designed assault beaches and helicopter landing zones (HLZ) in support of MAGTF operations.

(5) Coordinate transportation support for the evacuation of casualties, noncombatants, and enemy prisoners of war (EPW)

(6) Provide AACG/DACG to control and coordinate the loading and unloading of units deploying or redeploying by fixed wing aircraft.

b. Concept of Organization. The company is organized to provide the nucleus of personnel and equipment required for a LFSP or arrival and assembly operations group (AAOG), for the initial combat service support of the MAGTF.

c. Concept of Employment. The company provides direct landing support to the MAGTF in support of amphibious and helicopter borne operations. When reinforced with battalion assets and elements of the Naval Beach Group (NBG), it provides the nucleus for the LSFP and AAOG, which provide initial throughput and sustainment for the MAGTF. Upon establishment of the CSSE, operational control of the LFSP passes to the CSSE commander for the continuation of direct landing support as required. The company coordinates local security for colored beaches. The company can provide AACG/DACG to support deploying/redeploying units.

8. General Support Motor Transport Company.

a. Mission. Provide general support, medium and heavy lift transportation support for throughput and sustainment operations in support of the MAGTF.

(1) Tasks. Provide line haul and distribution of bulk water (class I) and bulk fuel (class III and III[A]) for the MAGTF.

(2) Provide medium and heavy lift motor transport for the movement of bulk dry cargo, class V and V(A), and heavy equipment for the MAGTF.

(3) Provide unit and supply point distribution of bulk water and fuel for the MAGTF as required.

(4) Augment the motor transport and supply distribution capabilities of the Direct Support Motor Transport Company, TSBn, FSSG, as required in support of the MAGTF.

b. Concept of Organization. The company is organized to plan, coordinate, and supervise the command, supply, and transportation support functions for the company. It is structured to facilitate task organization for operations conducted by the battalion in support of MAGTF operations.

c. Concept of Employment. The company provides medium and heavy lift motor transport and bulk liquid distribution support to the MAGTF in sustained operations. The company normally deploys as part of the assault follow on echelon (AFOE). It is employed in general support of the MAGTF to transport cargo, equipment, and personnel over extended distances for sustained periods of time. Organic equipment includes 5-ton tactical cargo trucks, logistics vehicle systems (LVS), and 40 and 70-ton semi-trailers.

9. Direct Support Motor Transport Company

a. Mission. Provide direct and general support, medium and heavy lift transportation support, and supply support for throughput and sustainment operations of the CSSE in support of the MAGTF.

(1) Tasks. Provide line haul and distribution of bulk water (class I) and bulk fuel (class III and III[A]) for the CSSE.

(2) Provide medium and heavy lift motor transport for the movement of bulk dry cargo, class V and V(A), and heavy equipment in support of CSSE operations.

(3) Augment the personnel lift capability, as required, of elements of the MAGTF.

b. Concept of Organization. The company is organized to plan, coordinate, and supervise the command, supply, and transportation support functions for the company in support of the CSSE's mission. It is equipped with 5-ton tactical cargo trucks, LVS, and sixcon fuel and water modules.

c. Concept of Employment. The company is structured to provide sustained, direct support transportation and supply support to the CSSE and general support transportation and supply support to the MAGTF. It transports cargo, equipment, fuel, water, and personnel over extended distances for sustained periods of time.

REFERENCE:

1. FMFM 4-9, Motor Transport